

ABSTRACT

An ester-forming monomer obtained by depolymerization of polytrimethylene terephthalate and having an acrolein content of no greater than 0.5 wt%. Polymers obtained using the monomer and fibers, films and molded articles comprising the polymers. The ester-forming monomer is obtained by reacting polytrimethylene terephthalate with at least one compound selected from among monoalcohols, 1,3-propanediol and water in the presence of a basic substance. When the recovered ester-forming monomer is used as the starting material for production of a polymer, it is possible to produce a molding polymer for fibers, films and the like with quality equivalent to or higher than that obtained using virgin monomer.